

Amendments to the Specification:

Title of the Invention

Please amend the title to read **OPTICAL IMAGING SYSTEM WITH ROD LENS ARRAY**.

Please replace the paragraph beginning at page 17, line 6, with the following amended paragraph:

In this embodiment, the refractive index distribution of the rod lenses 1 is expressed by Equation [[29]]13. However, it is not limited to such a distribution. For example, assuming that the secondary refractive index distribution coefficient g , which represents the refractive power near the optical axis, remains the same, the refractive index distribution of the rod lenses 1 can be expressed generally by

Eq. 43
$$n(r)^2 = n_0^2 \cdot \{1 - (g \cdot r)^2 + f(r)\}$$